

*Amendments to the Specification*

Please replace paragraph [0035] with new paragraph [0035] marked up as follows:

[0035] With further reference to FIG. 3, wherein is shown a block diagram of a passive sensor, to measure reflectance, a comparison must be made between light striking an object, preferably at a particular wavelength, and light reflected by the object. A passive sensor 34 preferably includes: up looking photodetectors 50 and 48 positioned beneath filters 48 and 50 and lenses 40 and 42; down looking photodetectors ~~56~~ 52 and ~~58~~ 54 positioned above filters 49 and 51; and lenses 44 and 46; an analog multiplexer 60; a microprocessor, or other computing device, 64; and a display or storage device 62. Preferably filters 48 and 49 filter light over the same color or range of wavelength, and similarly, filters 50 and 51 filter light of the same color. Preferably, sensor 30 provides for measurement of reflectance of red light and near infrared.